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Date of Deposit: August 28, 2003

Attorney Docket No: RONI-015/01US  
(186980-2036)

**Mail Stop Patent Application**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, **Mail Stop Patent Application**  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

PATENT  
00746 U.S. PTO  
10/650478  
08/28/03

**UTILITY PATENT APPLICATION TRANSMITTAL**

This application claims priority under 35 U.S.C. §119(e) to United States Provisional Application No. 60/407,524 entitled ITERATIVE MULTI-STAGE DETECTION TECHNIQUE FOR DIVERSITY RECEIVER HAVING MULTIPLE ANTENNA ELEMENTS, filed August 28, 2002, which is incorporated herein by reference in its entirety.

Transmitted herewith for filing is a U.S. Non-Provisional Utility Patent Application entitled:

**ITERATIVE MULTI-STAGE DETECTION TECHNIQUE FOR A DIVERSITY RECEIVER HAVING MULTIPLE ANTENNA ELEMENTS**

naming as inventors: **Pieter van Rooyen and Danie van Wyk**

and including:

- ☒ (24) pages of description (before the claims);
- ☒ (12) pages of claims ((31) total claims; (6) independent claims);
- ☒ One (1) Sheet of Abstract;
- ☒ One (1) Application Cover Sheet;
- ☒ (12) sheets of drawing(s) including Figures 1-13.

1. Also enclosed are:

- ☐ Nonpublication Request and Certification
- ☐ Check No. \_\_\_ in the amount of \$\_\_\_ for the total fee as calculated below
- ☒ Return receipt postcard
- ☐ Other:

2. The filing fee has been calculated as follows:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	FEE
Basic Application Fee					\$750.00
Total Claims	31	- 20 =	11	x \$18.00	
Independent Claims	6	- 3 =	3	x \$84.00	
If multiple dependent claims are presented, add \$280.00					
Total Application Fee					
If an Assertion of Entitlement to Small Entity Status is enclosed, subtract 50% of Total Application Fee					
Other fees: (specify)					
<b>TOTAL FEE DUE</b>					

[x] This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.

Please direct all correspondence concerning this application to:

Cooley Godward LLP  
 ATTN: Patent Group  
 Five Palo Alto Square  
 3000 El Camino Real  
 Palo Alto, CA 94306-2155  
 Tel: (650) 843-5000  
 Fax: (650) 857-0663


CUSTOMER NUMBER: **23419**

Dated: August 28, 2003

Respectfully submitted,  
**COOLEY GODWARD LLP**

Cooley Godward LLP  
 ATTN: Patent Group  
 Five Palo Alto Square  
 3000 El Camino Real  
 Palo Alto, CA 94306-2155  
 Tel: (650) 843-5000  
 Fax: (650) 857-0663

By:

  
 Sean R. O'Dowd  
 Reg. No. 53,403